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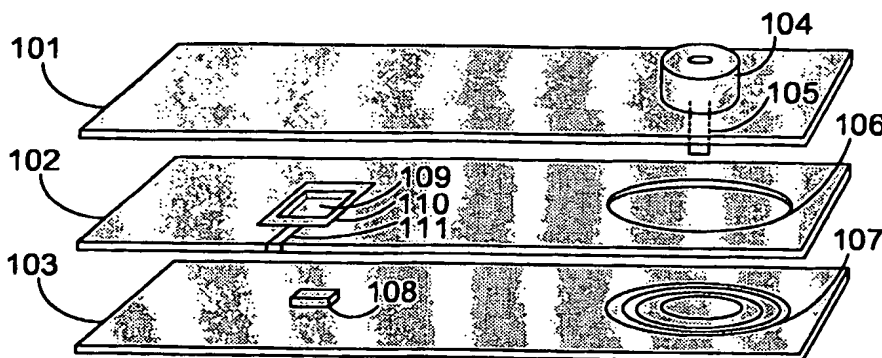
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(54) Title: APPARATUS AND ARRANGEMENT FOR SHIELDING A LIGHT EMITTING DIODE AGAINST ELECTROSTATIC DISCHARGE



(57) Abstract: The invention relates to an apparatus and arrangement for shielding a light emitting diode against electrostatic discharges during usage. On a printed circuit board (103, 203) there is placed a light emitting diode (108, 208), and on the component side of the circuit board (103, 203), there is arranged a photoconductor layer (102, 202). In the photoconductor layer (102, 202), there is induced electroconductive material (110, 210), and the electroconductive material is connected to the ground plane (111) of the circuit board in order to conduct the electrostatic discharge from the photoconductor layer (102, 202) to the ground plane.